

NWOD Revised Confirmation Sampling Program per 11/7/2011 Weekly Agency Progress Meeting

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NWOD Working Group and Agency contacts:

Here is a description of the modifications to the SAP/QAPP Confirmation Sampling program for NWOD Segment 1 based on the discussions and EPA's verbal authorization of the changes that occurred today during the NWOD Weekly Agency Progress Meeting.

I wanted to get this out today, before the confirmation sampling that is planned for as early as tomorrow in the test section. If you see anything that is different from what you understood, please reply to the email and give Dave Cooper and Bill Rees / Liz Palmer a call before they do the sampling so we can make the appropriate corrections.

STRATIFIED-RANDOM ALIQUOT LOCATIONS FOR CONFIRMATION SAMPLING

1. Stratified Locations

A 200-ft. long confirmation zone is subdivided into two 100-ft long sub-zones, designated

<![if !supportLists]>• <![endif]>Subzone A

<![if !supportLists]>• <![endif]>Subzone B.

The number of subzones in each Confirmation Zone, is the same as the number of transects that were set forth in the existing SAP/QAPP, Figure 3-1. The attached updated version of Figure 3-1 (R1 11-7-2011) changes the column header from "Transects" to "Subzones". Confirmation Zones that are less than 200 ft long will typically have only one subzone.

Three aliquots are collected from each subzone, designated as follows:

<![if !supportLists]>• <![endif]>C: one from the centerline of the canal,

<![if !supportLists]>• <![endif]>W: one west (W) of the centerline and up the sidewall of the canal, but below the peat marker bed and below the stained layer.

<![if !supportLists]>• <![endif]>E: one east (E) of the centerline and up the sidewall of the canal, but below the peat marker bed and below the stained layer

Two subzones per Confirmation zone will provide six aliquots for a Confirmation Sample. Only one subzone in a shorter Confirmation Zone will provide three aliquots for a Confirmation Sample.

2. Random Locations

The location of each aliquot along a 100-ft. long subzone is established based on a random number between 1-99, represented in feet. That distance is called the Random Offset for each aliquot, which is entered on the field data sheet before doing the sampling.

Except as described above, the Confirmation Sampling will be as described in the prior-approved SAP/QAPP (Aug. 25, 2011).

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Figure 3-1 R1 Confirmation Results Summary 11-07-2011.pdf